TECHNICAL DATA // Series 1010

PTR HARTMANN
A Phoenix Mecano Company

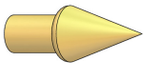
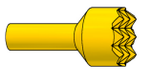
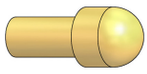
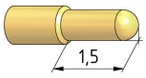
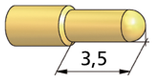
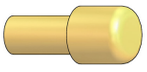
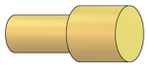
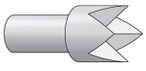
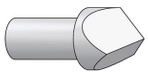
Standard-Test Probe 75 mil / 1.91 mm

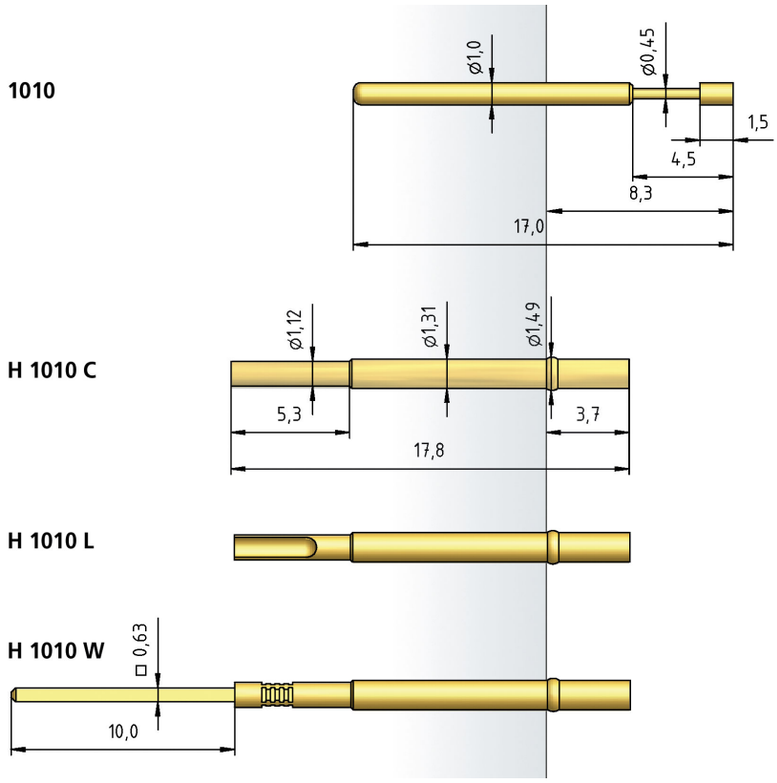
HIGHLIGHTS	
Universal field of application	
Compact design	
Short travel	
Contacting of assembled PCBs	
MECHANICAL DATA	
Center	1.91 mm/75 mil
Full travel	3.00 mm
Working travel	2.40 mm
Pre-loaded spring force	0.30/ 0.50 N
Spring force at working travel	1.50/ 2.25 N
Temperature range	-30 °C - +120 °C
ELECTRICAL DATA	
Max. current rating	2.0 A
Typical continuity resistance	<= 20 mOhm
MATERIALS	
Barrel	Bronze, gold-plated
Spring	Spring Steel, Stainless Steel, gold-plated
Plunger	Steel, CuBe
Receptacle	Bronze, gold-plated
RECOMMENDED DIAMETER OF DRILL	
HP 2361.1 / EP CP 201 (trolitax)	1.30 mm
With pressed-in ring	1.46 mm
HGW 2372 (glass filled material)	1.32 mm
With pressed-in ring	1.47 mm
HIGH-TEMPERATURE APPLICATIONS	
Temperature range	-40 °C - +250 °C
Pre-loaded spring force	0.20 N
Spring force at working travel (order index E)	0.80 N

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TIP STYLE - DIAMETER - PLATING

				
A	B	B1	C	C2
1.50 Au	0.45 Au/Ni	0.70 Au	1.50C Au	1.00 Au
				
D	D	D2	D2	D4
0.50 Au	0.65 Au 1.00 Au	0.40 Au	0.60 Au	0.40 Au
				
DF	F	G	H	
1.00 Au	1.00 Au 1.50 Ni	1.50 Rh	1.50 Ni	



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HOW TO ORDER

1010	-	A	-	0.8 N	E	-	Au	-	1.5
1		2		3	4		5		6

1. Series 2. Tip Style 3. Spring Force
4. High Temperature 5. Tip Plating 6. Tip Diameter